

January 6, 1948

Dr. Joshua Lederberg
Department of Genetics
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Madison 6, Wisconsin

Dear Lederberg:

The point you raised about the multiplication of kappa has been considered and I think you will get the answer you wish from Preer. The full paper on this is now in press and should appear shortly in Genetics. Otter's paper, on the other hand, which is the mathematical basis for much of the work, has not yet appeared and I do not know where it is scheduled to appear. As Preer will tell you, the data show that kappa multiplication is first order autocatalytic at low kappa concentrations.

Quite aside from the slant you have on the situation, doesn't it seem a little difficult to conceive of kappa duplication taking place at the locus of K when Preer's estimate of kappa size make it, as I pointed out in Chicago, more near the size of a chromosome?

With best wishes,

Cordially yours,

T. M. Sonneborn

TMS:et

Sonneborn mss. II
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